

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An elastomer composition which comprises ~~containing~~ a rubber and/or ~~or/and~~ a thermoplastic elastomer as a main component thereof and carbon black as a reinforcing filler dispersed in said rubber and/or or/and said thermoplastic elastomer, said carbon black being present in an amount of not less than three nor more than fifteen parts by weight per 100 parts by weight of said rubber and/or thermoplastic elastomer,

wherein a T2 relaxation time (spin-spin relaxation) of a bound rubber formed in that a portion which is disposed in close proximity ~~vicinity~~ to said rubber or/and said thermoplastic elastomer and said reinforcing filler and includes an interface therebetween is set to not less than $250\mu s$ nor more than $400\mu s$.

2. (Currently Amended) The elastomer composition according to claim 1, wherein said bound rubber is polymer chains subjected to influence of a molecular motion generated by an interaction between said rubber or/and said thermoplastic elastomer and said reinforcing filler in said portion that is disposed in close proximity ~~vicinity~~ to said rubber or/and said thermoplastic elastomer and said reinforcing filler and includes said interface therebetween.

3. (Original) The elastomer composition according to claim 1, wherein a JIS-A hardness is not less than 20 nor more than 45.

4. (Original) The elastomer composition according to claim 2, wherein a JIS-A hardness is not less than 20 nor more than 45.

5. (Currently Amended) The elastomer composition according to claim 1, wherein EPDM is used as said rubber and/or ~~or/and~~ said thermoplastic elastomer; ~~and carbon black is used as said reinforcing filler.~~

6. (Currently Amended) The elastomer composition according to claim 2, wherein EPDM is used as said rubber and/or ~~or/and~~ said thermoplastic elastomer; ~~and carbon black is used as said reinforcing filler.~~

7. (Original) The elastomer composition, according to claim 1, which is crosslinked with an organic peroxide.

8. (Original) The elastomer composition, according to claim 2, which is crosslinked with an organic peroxide.

9. (Currently Amended) The elastomer composition according to claim 5, wherein ~~not less than three nor more than 15 parts by~~

~~weight of said carbon black and~~ not less than 0.5 nor more than three parts by weight of a peroxide crosslinking agent are used for 100 parts by weight of said EPDM.

10. (Currently Amended) The elastomer composition according to claim 7, wherein ~~not less than three nor more than 15 parts by weight of said carbon black and~~ not less than 0.5 nor more than three parts by weight of the organic a peroxide crosslinking agent are used for 100 parts by weight of said rubber and/or thermoplastic elastomer EPDM.

11. (Currently Amended) The elastomer composition according to claim 1, wherein said T2 relaxation time (spin-spin relaxation) of said bound rubber formed between said rubber and/or ~~or/and~~ said thermoplastic elastomer and said reinforcing filler is more than a T2 relaxation time of the a bound rubber of said rubber and/or ~~or/and~~ said thermoplastic elastomer to which said reinforcing filler is not added by not less than 150% nor more than 300%.

12. (Currently Amended) The elastomer composition according to claim 2, wherein said T2 relaxation time (spin-spin relaxation) of said bound rubber formed between said rubber and/or ~~or/and~~ said thermoplastic elastomer and said reinforcing filler is more than a T2 relaxation time of the a bound rubber of said rubber and/or

~~or/and~~ said thermoplastic elastomer to which said reinforcing filler is not added by not less than 150% nor more than 300%.

13. (Currently Amended) A rubber roller formed from the ~~by~~ ~~molding an~~ elastomer composition according to claim 1.

14. (Currently Amended) A rubber roller formed from the ~~by~~ ~~molding an~~ elastomer composition according to claim 2.

15. (Currently Amended) The A rubber roller, according to claim 13, which is used as a ~~roller for~~ paper-feeding roller or a film-feeding roller.